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INFORMATION DISCLOSURE STATEMENT BY APPLICANTS

(Use as many sheets as necessary)

Application Number	10/605,246
Filing Date	September 17, 2003
First Named Inventor	Jim Bumgardner et al.
Art Unit	2621
Examiner Name	Hung Q. Dang
Attorney Docket Number	UV-438 CIP

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		2002-0144279	10/03/2002	Zhou	
		2002-0174430	11/21/2002	Ellis et al.	
		2002-0174433	11/21/2002	Baumgartner et al.	
		2003-0009766	01/09/2003	Marolda	
		2003-0126607	07/03/2003	Phillips et al.	
		2003-0149988	08/07/2003	Ellis et al.	
		2003-0206719	11/06/2003	Bumgardner et al.	
		2004-0103434	05/27/2004	Ellis et al.	
		2004-0181814	09/16/2004	Ellis et al.	
		2005-0028208	02/03/2005	Ellis et al.	
		2005-0028218	02/03/2005	Blake	
		2005-0251827	11/10/2005	Ellis et al.	
		2006-0140584	06/29/2006	Ellis et al.	
		Re. 34,340	08/10/1993	Freeman	
		4,264,924	04/28/1981	Freeman	
		4,264,925	04/28/1981	Freeman et al.	
		4,573,072	02/25/1986	Freeman	
		4,706,121	11/10/1987	Young	

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	4,908,707	03/13/1990	Kinghorn	
	4,945,563	07/31/1990	Horton et al.	
	4,977,455	12/11/1990	Young	
	5,038,211	08/06/1991	Hallenbeck	
	5,047,867	09/10/1991	Strubbe et al.	
	5,068,733	11/26/1991	Bennett	
	5,151,789	09/29/1992	Young	
	5,187,589	02/16/1993	Kono et al.	
	5,195,134	03/16/1993	Inoue	
	5,210,611	05/11/1993	Yee et al.	
	5,223,924	06/29/1993	Strubbe	
	5,253,066	10/12/1993	Vogel	
	5,285,284	02/08/1994	Takashima et al.	
	5,296,931	03/22/1994	Na	
	5,323,234	06/21/1994	Kawasaki	
	5,410,344	04/25/1995	Graves et al.	
	5,416,508	05/16/1995	Sakuma et al.	
	5,479,266	12/26/1995	Young et al.	
	5,479,268	12/26/1995	Young et al.	
	5,485,219	01/16/1996	Woo	
	5,532,754	07/02/1996	Young et al.	

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	5,534,911	07/09/1996	Levitin	
	5,539,822	07/23/1996	Lett	
	5,550,576	08/27/1996	Klosterman	
	5,568,272	10/22/1996	Levine	
	5,576,755	11/19/1996	Davis et al.	
	5,585,838	12/17/1996	Lawler et al.	
	5,585,858	12/17/1996	Harper et al.	
	5,589,892	12/31/1996	Knee et al.	
	5,592,551	01/07/1997	Lett et al.	
	5,619,274	04/08/1997	Roop et al.	
	5,629,733	05/13/1997	Youman et al.	
	5,631,995	05/20/1997	Weissensteiner et al.	
	5,632,007	05/20/1997	Freeman	
	5,657,414	08/12/1997	Lett et al.	
	5,684,525	11/04/1997	Klosterman	
	5,694,381	12/02/1997	Sako	
	5,699,107	12/16/1997	Lawler et al.	
	5,721,829	02/24/1998	Dunn et al.	
	5,724,091	03/03/1998	Freeman et al.	
	5,727,060	03/10/1998	Young	
	5,758,257	05/26/1998	Herz et al.	

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	5,790,198	08/04/1998	Roop et al.	
	5,801,787	09/01/1998	Schein et al.	
	5,805,763	09/08/1998	Lawler et al.	
	5,808,608	09/15/1998	Young et al.	
	5,809,204	09/15/1998	Young et al.	
	5,812,205	09/22/1998	Milnes et al.	
	5,812,937	09/22/1998	Takahisa et al.	
	5,828,945	10/27/1998	Klosterman	
	5,850,218	12/15/1998	LaJoie et al.	
	5,880,768	03/09/1999	Lemmons et al.	
	5,940,572	08/17/1999	Balaban et al.	
	5,949,954	09/07/1999	Young et al.	
	5,969,748	10/19/1999	Casement et al.	
	5,974,222	10/26/1999	Yuen et al.	
	6,081,291	06/27/2000	Ludwig, Jr.	
	6,091,883	07/18/2000	Artigalas et al.	
	6,141,488	10/31/2000	Knudson et al.	
	6,154,771	11/28/2000	Rangan et al.	
	6,157,413	12/05/2000	Hanafee et al.	
	6,177,931	01/23/2001	Alexander et al.	
	6,208,799	03/27/2001	Marsh et al.	

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	6,233,389	05/15/2001	Barton et al.	
	6,275,648	08/14/2001	Knudson et al.	
	6,327,418	12/04/2001	Barton et al.	
	6,442,332	08/27/2002	Knudson et al.	
	6,473,559	10/29/2002	Knudson et al.	
	6,681,396	01/20/2004	Bates et al.	
	6,771,886	08/03/2004	Mendelsohn	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		WO 92/22983	12/23/1992	Braune et al. BROWNE		
		WO 98/48566	10/29/1998	Gemstar Development Corp.		
		EP 0 682 452 A2	11/15/1995	Microsoft Corp.		
		EP 0 753 964 A1	01/15/1997	Thomson Multimedia		
		EP 0 836 320 A2	04/15/1998	Matsushita Electric Industrial		
		EP 0 854 645 A2	07/22/1998	Texas Instruments Inc.		
		GB 2 229 595 A	09/26/1990	Tindall		
		WO 00/04706	01/27/2000	United Video Properties, Inc.		
		WO 00/07368	02/10/2000	Tivo, Inc.		
		WO 00/08852	02/17/2000	Wood et al.		
		WO 00/16548	03/23/2000	United Video Properties, Inc.		
		WO 00/58833	10/05/2000	Tivo, Inc.		

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	WO 00/58967	10/05/2000	Tivo, Inc.		
	WO 00/59223	10/05/2000	Tivo, Inc.		
	WO 00/67475	11/09/2000	Tivo, Inc.		
	WO 01/22729 A1	03/29/2001	Tivo, Inc.		
	WO 01/76239 A2	10/11/2001	United Video Properties, Inc.		
	WO 93/23957	11/25/1993	Mankovitz		
	WO 96/26605	08/29/1996	Smart VCR Limited Partnership		
	WO 96/36172	11/14/1996	Gemstar Development Corp.		
	WO 96/37075	11/21/1996	ACTV, Inc.		
	WO 97/13368	04/10/1997	Starsight Telecast, Inc.		
	WO 99/52279	10/14/1999	Tivo, Inc.		
	WO 99/66725	12/23/1999	United Video Properties, Inc.		

NON PATENT LITERATURE DOCUMENTS

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